

# **Historic, Archive Document**

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Mich

1902

# SEEDS

1902

Market Gardeners' Price List and Farm and Field Seed Annual

GARDEN, FLOWER, FIELD AND GRASS SEED

Bulbs, Plants, Nursery Stock and Garden Tools.

## THREE GREAT GRASSES

For the Great Northwest.



Orchard Grass.



Bromus Inermis Grass.

(See Pages 10 and 11.)



English Blue Grass.

(See Index Next Page.)

# Michael's Seed Store

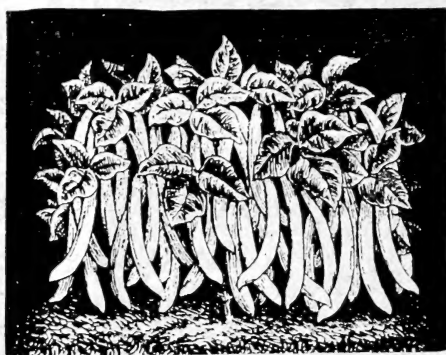
316 PEARL STREET

J. S. MICHAEL, Proprietor

SIOUX CITY, IOWA

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**Beans.**—New Refugee Wax. Earliest of the Wax sorts. 15c per pint; 25c per quart.



**Peas.** Michael's Early Record. 10c per pint; 15c per quart.

## Table of Weights and Measures and Quantity Per Acre of FIELD AND GRASS SEEDS.

### WEIGHTS PER BUSHEL.

#### POUNDS

Barley.....	48
Beans.....	60
Blue Grass.....	14
Bromus Inermis Grass.....	14
Broom Corn.....	46
Buckwheat.....	48
Cane.....	50
Clover.....	60
Corn, Shelled.....	56
Corn, on ear.....	70
Corn, Sweet or Sugar.....	48
Flax Seed.....	56
Hemp Seed.....	44
Hungarian.....	48
Lawn Grass.....	14
Millet.....	48
Oats.....	32
Orchard Grass.....	14
Pasture Grass Mixture.....	14
Peas, smooth.....	60
Peas, wrinkled.....	56
Popcorn, New (on ear).....	70
Potatoes, heaping measure.....	60
Pumpkin, Field.....	26
Red Top.....	14
Rye.....	56
Timothy.....	45
Wheat.....	60

### QUANTITY PER ACRE.

Barley, broadcast.....	2 to 3 bu
Beans, Dwarf, in drills.....	1½ bu
Buckwheat.....	1 bu
Cane, in drills.....	12 qts
Cane, broadcast.....	1½ to 2 bu
Clover, Lucerne or Alfalfa.....	20 lbs
Clover, Red, alone.....	8 to 10 lbs
Clover, White or Alsike.....	6 to 10 lbs
Corn, in hills.....	8 to 10 qts
Flax, broadcast.....	1½ bu
Grass, Blue, Ky. or Eng.....	1 to 2 bu
Grass, Bromus Inermis.....	1 to 2 bu
Grass, English Rye.....	1 to 2 bu
Grass, Lawn.....	50 to 75 lbs
Grass, Orchard.....	1 to 3 bu
Grass, Red Top, in chaff.....	2 bu
Grass, Red Top, (solid seed).....	12 lbs
Grass, Timothy.....	¾ to 1 bu
Millet, broadcast.....	2 to 3 bu
Oats, broadcast.....	4 to 6 lbs
Onion, in drills.....	1½ bu
Peas, in drills.....	2 to 3 bu
Peas, broadcast.....	10 bu
Potato, (cut tubers).....	4 to 5 lbs
Rape Dwarf Essex.....	1½ to 2 bu
Rye, broadcast.....	3 to 4 lbs
Turnip, broadcast.....	1½ to 2 bu
Wheat, broadcast.....	1½ to 2 bu

316 PEARL ST  
SIOUX CITY, IOWA.

**J. S. MICHAEL, SEED MERCHANT.**

# MARKET GARDNERS' PRICE LIST OF BULK SEEDS.

BEANS, PEAS and SWEET CORN come first—other  
SEEDS in Alphabetical Order.

## CASH PRICES.

### BEANS.

#### Dwarf Wax Sorts.

PT.	QT.	PK.
\$0 15	\$0 25	\$1 35
15	25	1 40
15	25	1 45
15	25	1 75
15	25	1 35

✓ Golden Wax.....			
✓ German Black Wax.....			
✓ Davis White Wax.....			
✓ Wardell's Kidney Wax.....			
✓ New Refugee Wax (earliest wax sort).....			

#### Dwarf Green Pod Sorts.

✓ Extra Early Red Valentine (round pod).....	10	15	1 00
✓ Early Six Weeks (round pod).....	10	15	1 00
✓ Stringless Green Pod.....	15	25	1 50
✓ Burpee's Bush Lima.....	20	35	2 00

#### Pole Varieties.

✓ Large White Lima.....	15	25	1 75
✓ Lazy Wife.....	15	25	1 75

#### Field Sorts.

✓ White Navy.....			Market Price
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### PEAS—Michael's Early Record

✓ Alaska, Earliest of All (stock limited).....	10	15	1 00
✓ Ferry's First and Best.....	15	25	....
✓ McLean's Little Gem.....	15	25	1 50
✓ American Wonder.....	15	25	1 75
✓ Nott's Excelsior.....	15	25	1 75
✓ Hosford's Market Garden.....	10	25	1 25
✓ Advancer.....	10	15	1 25
✓ Strategem, (Improved Stock).....	15	20	1 40
✓ Yorkshire Hero.....	10	15	1 00
— Telephone.....	15	25	1 50
— Heroine.....	10	15	1 35
✓ Champion of England.....	10	15	1 00
✓ Marrowfat (white or black eye).....	10	15	50
✓ Field Peas, \$1.75 per bu.....	..	10	50

### SWEET CORN—Extra Early White Cory

— Extra Early Red Cory.....	10	15	75
✓ Early Minnesota.....	10	15	75
✓ Crosby's Early.....	10	15	65
✓ Stowell's Evergreen, my select strain.....	10	15	75
✓ Evergreen Sweet Corn for fodder, per bu.....			Market Price.



**Beet.**—Extra Early Forcing.  
Per oz. 10c.

**BEETS.****Table Sorts.**

$\frac{3}{4}$  OZ.  $\frac{1}{2}$  LB. LB.

✓ Extra Early Forcing, per oz. 10c.....	..	\$0 40	\$0 75
✓ Egyptian Extra Early Turnip Blood.....	\$0 05	20	35
✓ Dewing Early Turnip Blood.....	5	20	35
✓ Edmunds Early Turnip Blood.....	5	20	35
✓ Early Turnip Blood.....	5	20	35
✓ Eclipse.....	5	20	35
✓ Long Smooth Blood Red.....	5	20	35
✓ Half Long Blood Red.....	5	20	35

**Sugar Sorts.**

OZ. LB. 10LB.

✓ Imperial French Sugar.....	\$0 05	\$0 20	\$1 75
✓ Red Top White Sugar.....	5	20	1 75
✓ Klein Wanzleben Sugar Beet.....	5	20	1 75

**For Cattle.**

✓ Mammoth Long Mangle.....	5	20	1 50
✓ Golden Tankard.....	5	25	2 00

**BROCOLI**—Large Early White..... 35

✓ Landreth's Purple..... 40

**BRUSSEL SPROUTS**—Dwarf Improved..... 10

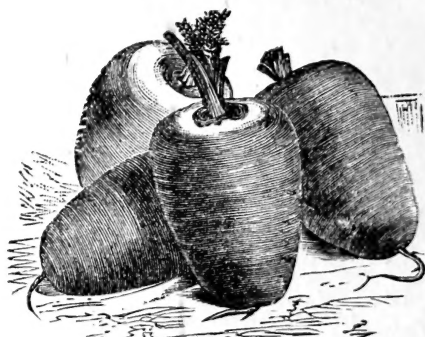
OZ.  $\frac{1}{4}$  LB. LB.

<b>CARROTS</b> —Extra Early Forcing.....	\$0 10	\$0 35	\$1 00
✓ Oxheart.....	10	25	75
✓ Danvers Half Long.....	10	25	75
✓ Chantenay Stump Rooted.....	10	25	75
✓ Long Orange.....	10	25	75
✓ White or Yellow Belgium for Stock.....	5	15	35

**Carrots.**

Carrots require a deep, well-worked soil. For bunching the Oxheart, Danvers and Chantenay are the best; for feeding stock grow the Belgian varieties which yield big crops. 3 oz. of seed for 100 yards.

**Read about Big Four Oats, Page 13.**

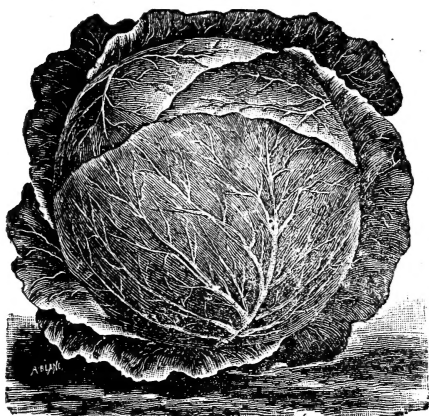


**Carrots.**—Michael's Perfect Strain of Oxheart. Per oz. 10c.

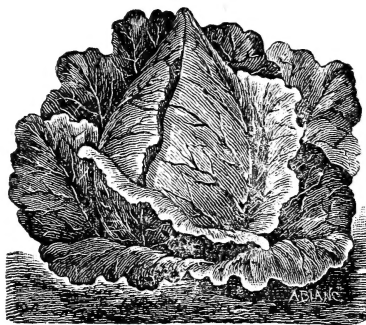
## CABBAGE.

Where any vegetable attains its highest degree of perfection, there we may expect to grow the most select and purest strains of seed. Long Island, N. Y., is a most favored spot for the growing of Cabbage. Leading seedsmen of America get their select stocks grown there. The seed we offer is grown on Long Island by a most careful grower, and we offer it with the full assurance that it is the best in the world.

For Seed Corn, See Page 12.



**Cabbage.**—Henderson Early Summer.  
Choicest and best. Per oz. 20c.



**Cabbage.**—Select Very Early Jersey  
Wakefield. Per oz. 25c.

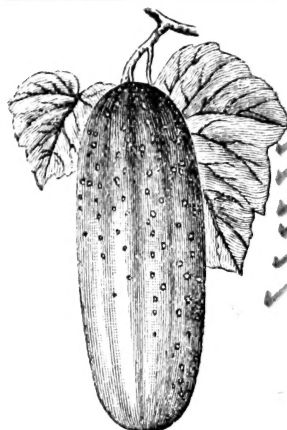
### CABBAGE.

	OZ.	¼ LB.	LB.
✓ Early Jersey Wakefield, selected.....	\$0 25	\$1 00	\$3 00
✓ Early Winningstadt, extra fine improved.....	15	60	2 00
✓ Reedland's Early Drumhead.....	25	1 00	3 75
✓ Henderson's Early Summer Select.....	20	75	2 25
✓ Early Flat Dutch, very select.....	15	50	1 75
✓ Succession, very select.....	25	85	2 75
✓ Fottler's Brunswick.....	15	50	1 75
✓ Hollander or Danish Ball Head.....	20	75	2 25
✓ <b>Large Late Flat Dutch</b> .....	15	50	1 75
✓ Sure Head.....	15	50	1 75
✓ Marblehead Mammoth.....	15	50	1 75
✓ Large Late Drumhead.....	15	50	1 75
✓ Mammoth Red Rock.....	25	75	2 00

**CAULIFLOWER**—Early Snowball..... 2 50

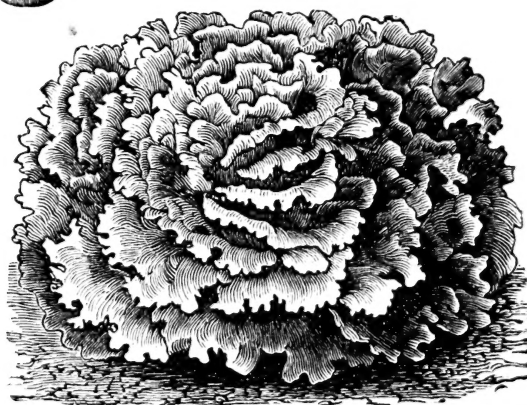
✓ Large Erfurt, choicest of all Late varieties.... 2 00

<b>CELERY</b> —Giant Pascal, Pacific Coast grown.....	15	50	1 50
✓ White Plume, Pacific Coast grown.....	15	50	1 50
✓ Golden Self Blanching, Pacific Coast grown.....	25	75	2 00
✓ Celeriac Root Celery.....	15	50	1 50

**CUCUMBERS.**

	¼ OZ.	½ LB.	LB.
Early Frame Short Green..	\$0 05	\$0 25	\$0 40
Boston Pickling.....	5	25	40
Chicago Pickling.....	5	25	40
White Spine.....	5	25	40
Long Green.....	5	25	40
Arlington.....	5	30	50
White Albino.....	5	30	50

✓ **Cucumbers**—Improved Early White Spine. 10c per oz.

**LETTUCE.**

**Lettuce.**—Black Seeded Simpson. The best for forcing or early sowing out doors. 1 oz. will sow 50 sq. ft. Per oz. 10c

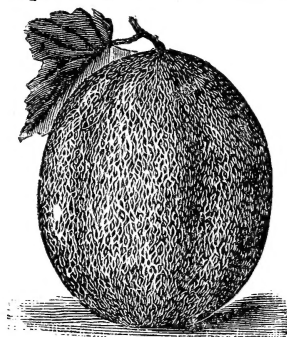
	OZ.	¼ LB.	½ LB.
✓ <b>LETTUCE</b> —Ferry's Early Prize Head.....	\$0 10	\$0 25	\$0 45
✓ <b>Early Curled Simpson's White Seeded</b> .....	10	25	45
✓ <b>Early Curled Simpson's Black Seeded</b> .....	10	25	45
✓ <b>Hanson</b> .....	10	25	40
✓ <b>Early Curled Selicia</b> .....	10	25	40
✓ <b>White Stone Head</b> .....	10	25	45
✓ <b>CRESS</b> —Garden Varieties.....	5c to 25		
✓ <b>ENDIVE</b> —Moss Curled.....	15		
✓ <b>KALE or BORECOLE</b> —Green Curled.....	10		
✓ <b>EGG PLANT</b> —Thornless Large round purple....	25		
✓ <b>New York Improved</b> .....	25		
✓ <b>KOHL RABI</b> —Early White Vienna or Purple....	15		
✓ <b>LEEK</b> —London Flag.....	10		

For  
Grass Seed  
See  
Page 11

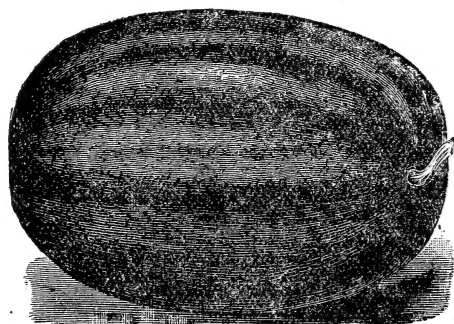


## MELONS.

The essential thing in Melon Culture is to get good strong vines early in the season. To this end plant your Melons in hills, eight feet apart, made rich with some good fertilizer or well rotted manure, thoroughly mixed with the soil. As soon as the ground is warm and dry plant fifteen to twenty seeds in each hill and thin out when the plants begin to grow, leaving only three to five of the most vigorous. Protect the young plants from insects and hasten their growth by the use of liquid manure. From three to five pounds plant an acre.



**Musk Melon.**—Princess.



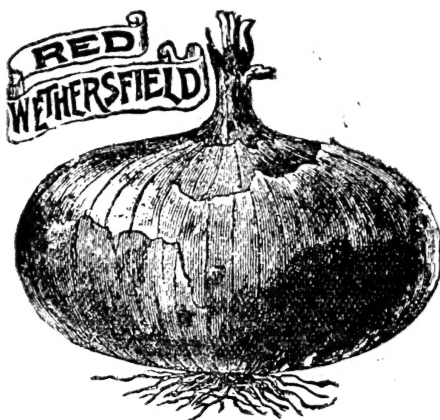
**Water Melon.**—Black Diamond.

### MUSK MELONS.

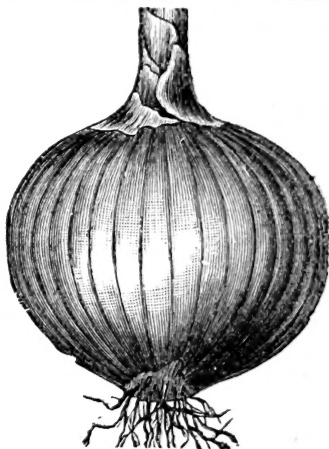
	$\frac{3}{4}$ OZ.	$\frac{1}{2}$ LB.	LB.
✓ Extra Early Green Citron, Landreth's.....	\$0 10	\$0 40	\$0 75
✓ Large Hackensack.....	5	25	45
✓ Salmon & Green, Landreth's.....	10	40	75
✓ Emerald Gem.....	5	25	40
✓ Osage.....	5	25	40
✓ Rocky Ford.....	5	30	60
✓ Paul Rose, New.....	5	25	40
✓ Golden Netted Gem.....	5	25	50
✓ Princess.....	5	25	45

### WATER MELONS—Cole's Early (best early).....

✓ Vick's Early.....	5	25	45
✓ Ferry's Peerless.....	5	20	35
✓ Phinney's Early.....	5	20	35
✓ Stokes' Extra Early.....	5	20	35
✓ Landreth's Boss.....	10	50	90
✓ Georgia Rattlesnake.....	5	25	40
✓ Monte Cristo.....	5	25	45
✓ McVicar's Sugar.....	5	30	50
✓ Cuban Queen.....	5	25	40
✓ Kolb's Gem.....	5	20	35
✓ Dixie.....	5	25	40
✓ Duke Jones.....	5	25	40
✓ Sweet Heart.....	5	25	40
✓ Black Diamond.....	5	35	60



**Large Red Wethersfield.**—The best known of all the Onions. Good sellers, great keepers, the best of all standard sorts. My stock of this Onion seed is most select and sure to grow. Oz. 10c; lb., 90c.



**Early Red Globe.**—An extra fine sort for early bunching and first crop. These Onions bring a premium in any market. Per oz., 10c;  $\frac{1}{2}$  lb. 50c; 1 lb. \$1.00.

	OZ.	$\frac{1}{2}$ LB.	LB.
<b>ONIONS</b> —Extra Early Red Flat.....	\$0 10	\$0 50	\$0 90
✓ <b>Large Red Wethersfield</b> .....	10	50	90
✓ <b>Early Red Globe</b> .....	10	50	1 00
✓ <b>Southport Red Globe</b> .....	15	75	1 25
✓ <b>Southport White Globe</b> .....	15	1 00	1 50
✓ <b>Yellow Danvers</b> .....	10	50	90
✓ <b>Prize Takers</b> .....	10	75	1 25
✓ <b>White Silver Skin</b> .....	15	1 00	1 75
✓ <b>Mammoth Silver King</b> .....	15	1 00	1 80
✓ <b>New Queen (for pickling)</b> .....	20	1 20	2 00
✓ <b>Barletta Extra Early White</b> .....	25		
✓ <b>Australian Brown</b> .....	10	50	90
✓ <b>Red Wethersfield, in 5 lb. lots, \$4 25; in 10 lb. lots</b> .....			8 00

**ONION SETS**—10c to 15c per qt. Special prices in quantities.

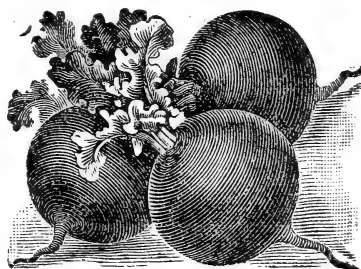
	OZ.	$\frac{1}{2}$ LB.	LB.
<b>PARSLEY</b> —Champion Moss Curled.....	\$0 10	\$0 35	\$0 60
<b>PARSNIPS</b> —Hollow Crown.....	5	20	30
✓ <b>Bloomsdale</b> .....	5	30	50
<b>PEPPER</b> —Large Bell Bullnose.....	20		
✓ <b>Ruby King</b> .....	20		
✓ <b>Golden Dawn</b> .....	20		
<b>PUMPKIN</b> —Common Field.....	5	15	25
✓ <b>Sweet Sugar</b> .....	5	25	40
<b>SQUASH</b> —Early White Bush (patty pan).....	5	25	50
✓ <b>Golden Summer Crookneck</b> .....	5	25	50
✓ <b>Hubbard, extra warty</b> .....	10	40	75
✓ <b>Boston Marrow</b> .....	5	25	40

	$\frac{1}{4}$ OZ.	$\frac{1}{2}$ LB.	LB.
<b>RADISHES</b> —Early Scarlet Turnip, French seed...	\$0 05	\$0 30	\$0 50
✓ Scarlet Turnip White Tip, French seed.....	5	30	50
✓ French Breakfast, French grown seed.....	5	25	50
✓ Early Scarlet Globe.....	5	30	50
✓ Ne Plus Ultra.....	5	30	60
✓ Long Scarlet Short Top, French grown seed...	5	25	50
✓ Brightest Long Scarlet, French grown seed....	5	25	50
✓ Chartier, French grown seed .....	5	35	65
✓ Long White Vienna or Lady Finger.....	5	30	50
✓ White Strasburg.....	5	25	50
✓ Early White Turnip.....	5	25	50
✓ California Mammoth White Winter.....	5	25	60
✓ Rose China Winter.....	5	35	60
✓ Black Spanish, round or long.....	5	30	50



French  
grown  
Radish Seed  
are the  
purest  
and  
finest  
known.

One ounce  
drilled will  
sow 50-ft. row.



**Radish.**—Early Scarlet  
Turnip.

<b>Radish.</b> —Early Scarlet Globe.	$\frac{1}{4}$ OZ.	$\frac{1}{2}$ LB.	LB.
<b>SALSIFY</b> —Mammoth Sandwich Island.....	\$0 10	\$0 60	\$1 00
<b>SPINACH</b> —Bloomsdale .....	5	25	45
✓ Long Standing (10 lb. lots, \$1 50).....	5	15	25
<b>TOMATO</b> —Atlantic Prize or Early Advance.....	$\frac{1}{4}$ OZ.	OZ.	
	\$0 10	\$0 15	
✓ Acme.....		10	15
✓ Trophy .....		10	15
✓ Beauty.....		10	15
✓ Dwarf Champion.....		15	25
✓ Dwarf Aristocrat.....		10	15
✓ Yellow Pear Shaped.....		10	20
<b>TURNIP</b> —Extra Early White Milan.....	OZ.	$\frac{1}{2}$ LB.	LB.
	\$0 10	\$0 20	\$0 65
✓ Extra Early Purple Top Milan.....	5	20	60
✓ Early White Flat Dutch.....	5	15	35
✓ Purple Top Strap Leaf.....	5	15	35
✓ Purple Top White Globe... ..	5	15	35
✓ Yellow Aberdeen.....	5	15	40
<b>RUTABAGA</b> —Bloomsdale Swede.....	10	20	60
✓ Purple Top, Long Island (yellow flesh).....	5	15	35



### FLOWER SEED IN BULK.

	$\frac{1}{4}$ oz.
Asters, Mixed sorts, many colors.....	\$0 25
Balsam, all colors, mixed sorts.....	15
Candytuft.....	10
Canna, mixed sorts.....	10
Carnations, Marguerites, finest mix.....	40
Chrysanthemum, Double, mixed sorts.....	10
Cosmos.....	10
Cypress Vine, mixed colors.....	10
Dahlia, single, mixed 15c $\frac{1}{4}$ oz.; and double mixed.....	30
Four O'Clock, mixed.....	10
Mignonette.....	10
Morning Glory.....	10
Moss Rose (portulaca).....	25
Nasturtium, Tall or Dwarf.....	10 cts. per oz.
Pansies, very finest mixture.....	25
Pansies, named varieties.....	\$0 50 to 2 00
Pansies, Giant Bugnot, very large, $\frac{1}{8}$ oz. 75c.	
Pansies, Giant Trimardeau, mixed.....	75
Petunia, fine mixed.....	15
Phlox, fine mixed.....	20
Pink, double mixed.....	10
Poppy, double carnation, flowered.....	10
Stocks.....	$\frac{1}{8}$ oz., 50c.
Sweet Peas, fine mixture.....	oz., 5c; $\frac{1}{4}$ lb., 15c; lb., 35c.
Sweet Peas, Eakford's Hybrid, mixed.....	oz., 10c; 2 oz., 15c.
Sweet Peas, Blanch Ferry, pink.....	oz., 10c; 2 oz., 15c.
Sweet Peas, Blanch Burpee, white.....	oz., 10c; 2 oz., 15c.
Sweet Peas, Monarch, dark maroon.....	oz., 10c; 2 oz., 15c.
Sweet Peas, Navy Blue, true blue.....	oz., 25c.
Sweet Williams.....	10
Verbena, fine mixed.....	25

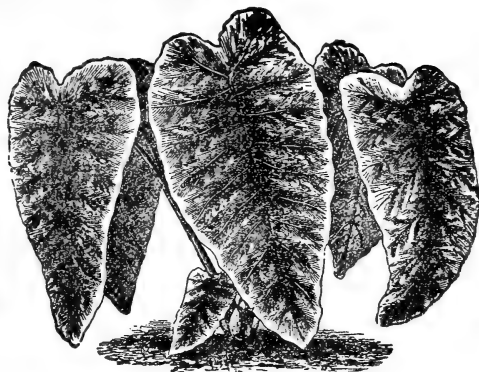
# BULBS FOR SPRING PLANTING.



## Borbonica Palm.

This is the hardest of the Palm family and lives, thrives and grows under the most adverse conditions.

15 to 18 inches, \$0 90.



## Elephant's Ear.

(Calladium Esculentum)

Grand tropic-looking plant; a favorite for specimens on the lawn. In rich soil, if freely watered, they produce enormous leaves, frequently four feet long by three feet wide; height four to five feet.

Fair sized Bulbs, 10 cents each.

Monster Bulbs, 25 cents each.

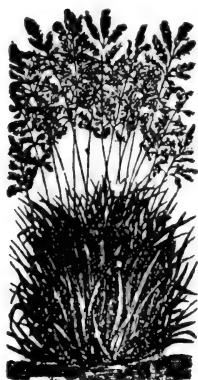
## Flowering Bulbs.

We offer only selected stock of the best bulbs.

	EACH.	DOZ.
Canna.....	10	1 00
Cinnamon Vine.....	5	50
Bleeding Heart.....	15	
Dahlias.....	15	1 75
Lilies—Auratum, Rubrum and Album.....	10c to 15	\$1 00 to 2 50
Lilies—Calla Bulbs.....	10 to 25	
Gladiolus.....	2c to 5	20 to 50
Maderia Vine Roots.....	5	50
Peonies—Mixed or named.....	15	
Phlox, Hardy.....	15	
Tuberose, White Pearl.....	3	25

## Home Grown Potted Bedding Plants.

Canna.....	10	1 00
Dusty Miller.....	10	1 00
Geranium, grown in 2½ inch pots.....	10	1 00
Geranium, large, grown in 4 inch pots.....	35	...
Petunias.....	10	1 10
Pansy Plants, Giant Bugnot varieties, potted.....	5	50
Pansy Plants, large, all colors.....	per box of 12, 25c.	
Palms, 4 inch pot, 12 to 15 inches high.....	60	
Palms, 5 inch pot, 15 to 18 inches high.....	90	
Rubber Tree, 14 inches high.....	75	
Ferns, potted.....	50	
Verbena.....	10	



**Kentucky Blue  
Grass.**

## **Bromus Inermis.**

(Awnless Brome Grass.)

A hardy perennial, standing extremes of heat, cold and drought better than any other of our cultivated grasses. Is especially adapted to the Northwest. It grows with great rapidity and produces heavy hay crops and luxuriant pastures. All kinds of stock eat it greedily, and the analyses made show that it is exceedingly rich in flesh-forming ingredients. Sow about 20 pounds to the acre. Will make you a very close price on big lots.

## **Kentucky Blue Grass.**

The universal pasture grass of America and the finest lawn grass in the world, is our own Kentucky Blue Grass. It starts like magic with the first smile of spring, and is a velvet of green until winter comes again. It can be sown on the wild prairie and will catch, but the best results are to be had by getting the seed well covered. The seed we offer comes directly from Kentucky in car lots, and is fresh, clean and pure. Price, 15c per pound. Close price in quantity; \$1.25 per bu. in 8-bu. lot.



**Bromus Inermis Grass.**

## **Grass, Field and Farm Seeds.**

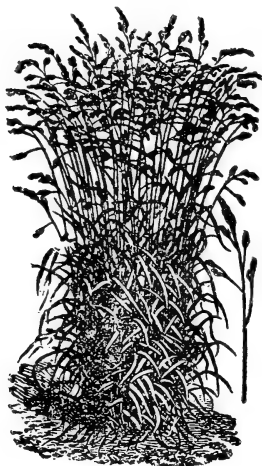
We quote only today's values on Clover and Grass Seed. Ask for sample and special price on quantity. Come and see us. Prices here quoted run according to grade and quality. Bags, EXTRA, 15c each.

**Remember that these Prices are subject to Market Changes.**

<b>Clover</b> —Medium Red.....	12c lb.,	Market Price per bu. of 60 lbs.	
Mammoth Red.....	12c lb.,		60 "
White.....	20c to 25c lb.,		60 "
Alsike.....	20c lb.,		60 "
<b>Alfalfa</b> —Northern grown seed .....	\$5 50 to \$6 00		60 "
<b>Timothy Seed</b> .....	2 50 to 3 35		45 "
<b>Red Top</b> —Cleaned, fancy seed.....	15c per lb., \$12 50 per 100 lbs.		
In the chaff.....	50c to 75c per bu. of 14 lbs.		
<b>Ky. Blue Grass</b> —Export fancy cleaned.....	\$1 35		14 "
Ky. Blue Grass, fancy cleaned, in 8 bu. bag.	1 25		14 "
Extra Cleaned Kentucky.....	\$0 60 to 75		14 "
English Blue Grass.....	1 25 to 1 50		14 "
Canadian Blue Grass.....	1 00		14 "
<b>Rye Grass</b> —Italian.....	1 00		14 "
English.....	1 00		14 "
<b>Orchard Grass</b> .....	1 50 to 1 75		14 "
<b>Lawn Grass</b> —Evergreen mixture.....	15 per lb.		
Ky. Blue, special for lawns.....	15 " 2 lbs. 25c		
<b>Bromus</b> —Inermis.....	\$0 15 per lb.; \$12 50 per 100 lbs.		
<b>Millet</b> —German .....	60 to \$1 50 per bu. of 48 lbs.		
Common .....	75 to 1 25		48 "
Fcy German Tenn. grown seed.....	Market Price		

Buy your Millet early; later on prices will range higher.

These Prices are subject to Market Changes.



**Orchard Grass.**

### English Blue Grass.

No grass has come to the front in the past few years as has English Blue Grass. It is a rapid grower, and a good fair crop can be had from the first season's sowing. It stands our winters, making a permanent pasture, and is a success. Sow one bushel to the acre. Price, 15c per lb.; \$1.50 per bu. of 14 lbs.



**English Blue Grass.**

### Orchard Grass.

A most desirable pasture grass; succeeds well through the northwest. It grows in the shade of trees and is just the thing for orchard and timber lands. Sow one bushel to the acre. Price for best seed, \$1.50 per bu.

### Dwarf Essex Rape.

Rape, as a pasture for cattle, hogs and sheep, is unequaled by any other plant. It can be planted with the spring crop, and is ready for pasture when the crop is gathered. Sow four to six pounds to the acre. Price twelve lbs. \$1.00; special price on 100-lb. lots.



**Dwarf Essex Rape.**

### Sorghum.

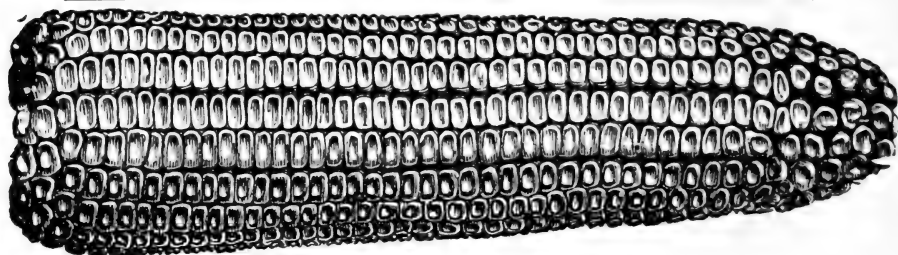
(Sugar Cane for fodder.)

The greatest forage and fodder plant in the world today. It will yield two crops of fodder and a good fall pasture in one season. It roots deep into the subsoil and stands the



**Sorghum.—Sugar Cane.**

drouths that often destroy other crops. One farmer says his horses, cattle and hogs all eat it. As a rough provender it is unsurpassed. Crop of seed scarce this year. Market price.

**Seed Corn.**—Superior Yellow Dent.

This season, when Seed Corn is scarce and hard to get of strong vitality, the best way to buy it is on the ear. We offer the **Superior on the ear**. This is a fine new variety of yellow dent which originated near here and is acclimated. Price, \$1 50 per bu.

**Seed Corn.**

Armstrong's Early Rose.....	\$1 50	per bu. of 56 lbs
✓ Pride of Nishna.....	1 50	" 56 "
✓ Pride of the North.....	1 50	" 56 "
✓ Michael's Mortgage Lifter.....	1 50	" 56 "
✓ Iowa Silver Mine.....	1 50	" 56 "
White Elephant.....	1 50	" 56 "

**Beardless Barley.**

A Barley that is without beards, just as smooth as a head of smooth wheat—looks the same when threshed as the ordinary white Barley. Price 90c per bu.: 5 bu., \$4 00; 10 bu., \$7 50.

**Salzer's Silver King Barley.**

A six-rowed bearded variety that yields an enormous crop. John Brilder, of Manatowac county, Wisconsin, claims to have raised 173 bu. to the acre. Price \$1 00 per bu. Stock limited.

**Spring Rye.**

This Rye is a success. The straw is shorter and stiffer than the Winter sorts, and it is a better yielder. Plant as soon in the spring as you can get it in the ground. Price, \$1 00 per bu. Winter Rye, \$0 75 per bu.

**Speltz.**

An attractive new kind of grain brought to this country by the Russians. The United States department of Agriculture recommends it as a grain for the semi arid sections. It has great drouth resisting features. It yields as much as oats and is a better feed. Sow two bushels to the acre. Price, per bu. \$0 90; 30 bu. \$24 00.







# B I G FOUR SEED OATS

Farmer friends, this is an Oat that will make you smile when the harvest comes. It has a big, fat, plump white kernel that weighs heavy and yields in abundance.

The past season, one of the worst in years for the Oat Crop, BIG FOUR yielded for one of our well-to-do Woodbury County farmers seventy-five bushels per acre.

Just as well have 80 and 100 bushels per acre, or even more, by planting BIG FOUR, as to have 30 and 40 bushels by the run-out, common sorts.

BIG FOUR is the earliest Oats known. It has large, big straw, rust proof and my stock is home raised and acclimated.

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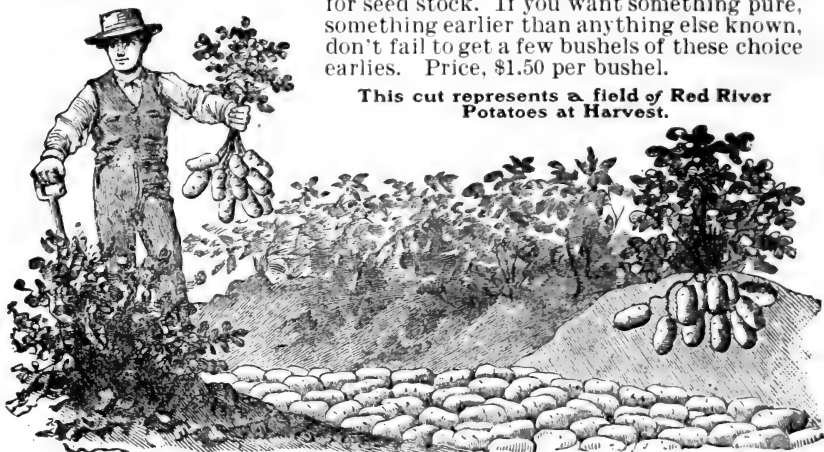
## PRICE.

Per Bushel..	\$ 1.00
10 Bushels...	8.00
30     "     ...	22.00
50     "     ...	35.00

## Red River, Ohio, Potatoes.

The stock of Ohio Potatoes we offer were grown in the Red River valley. They are from ten days to two weeks earlier than the home grown. They are pure and free from scab, and were raised especially for seed stock. If you want something pure, something earlier than anything else known, don't fail to get a few bushels of these choice earlies. Price, \$1.50 per bushel.

This cut represents a field of Red River Potatoes at Harvest.



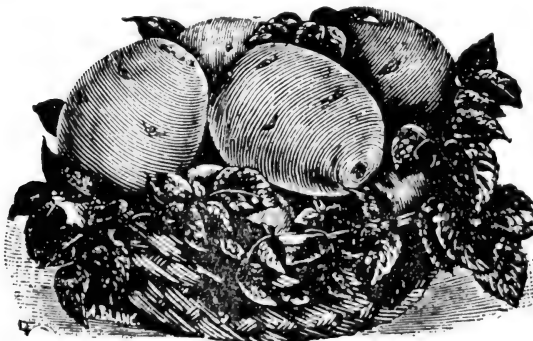
Prices subject to being Sold Short and Market Changes.

	PER BU.
Red River Early Ohio.....	\$1 50
Red River Early White Ohio.....	3 00
Red River Early Acme.....	2 25
Red River Triumph.....	2 25
Rural New Yorker, Northern Michigan stock.....	1 25
Pride of the Valley, " " " fancy new stock....	2 50
Morning Star " " " .....	1 25
Alexandria Prolific " " " .....	1 25

SEED SWEET POTATOES.....\$2 50 to \$3 00 per bbl.

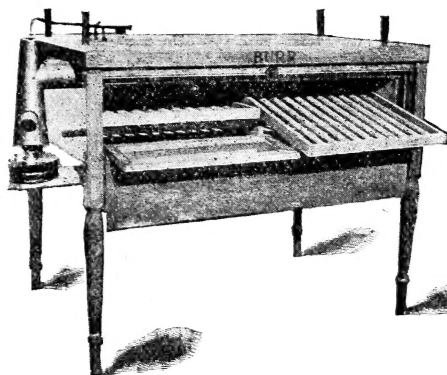
## Early White Ohio.

Identical in every way with the well-known Early Ohio except that it is white, does not have the split end of the old sort, is smooth and of uniform shape. It was discovered by accident and is a sport from the old sort. My stock is Red River grown. Price, 15c per lb.; \$1.00 per peck; \$3.00 per bu. Stock limited.



Early White Ohio Potatoes.—A new variety.

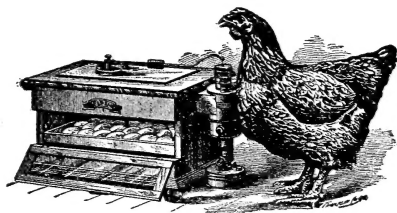
# Incubators and Poultry Supplies.



## Burr Hot Water Incubators.

No. 1, 100 to 120 Egg.....	\$15 00
No. 2, 200 to 240 ".....	20 00

Each machine ready for use. Burr Incubators are guaranteed, and if not satisfactory can be returned inside of 30 days.



## Excelsior Incubators.

50 Egg, Wooden Hen.....	\$ 8 50
100 " " ".....	12 50
200 " " ".....	16 00
100 " No. 1 Standard.....	20 00
200 " No. 2 ".....	30 00
200 " Incubator and Brooder combined	30 00
Hen Brooder, 50 Chick size...	5 00
" " 150 " "...	9 00

A catalogue of these Incubators, giving a full description of each one as quoted sent free.

## Shells, Poultry Supplies and Feed.



**Crushed Oyster Shells**—The Peerless Crushed Oyster Shells are kiln dried, sifted of dust and dirt after being ground and should not be confounded with the trash often offered by cheap advertising houses, and which is one-half dust, lime and dirt. The Peerless shells are the greatest egg producing and health preserving brand of shells manufactured.



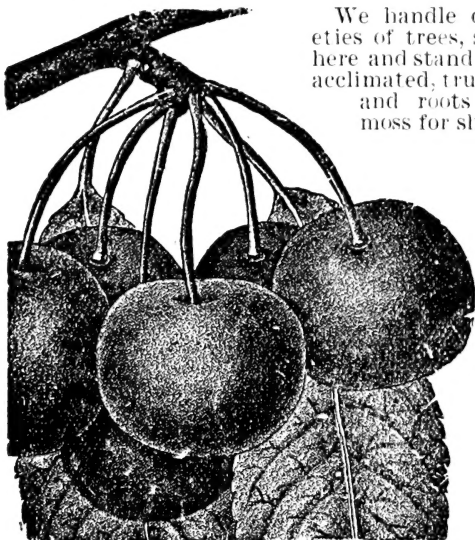
Peerless Oyster Shells.....	1½c lb.	per 100 lbs. \$1 00
Mica Crystal Grit.....	1½c lb.	per 100 lbs. 1 00
Crushed Bone.....	25c 6 lbs.	per 100 lbs. 3 00
Ground Meat.....	6 lbs. for 25c	per 100 lbs. 3 00
Egg Food.....	25c per package.	
Chicken Feed (mixed).....	60c to 75c per package.	

## Bird Seed.

	LB.
Hemp, Rape or Canary Seed (5 lbs. 25c).....	\$0 05
Mixed Bird Seed.....	5
Canary Sea Shells.....	5

# Nursery Stock Department

We handle only such kinds and varieties of trees, shrubs and plants as grow here and stand this climate. Stock strong, acclimated, true to name, dug when wanted and roots carefully packed in wet moss for shipping.



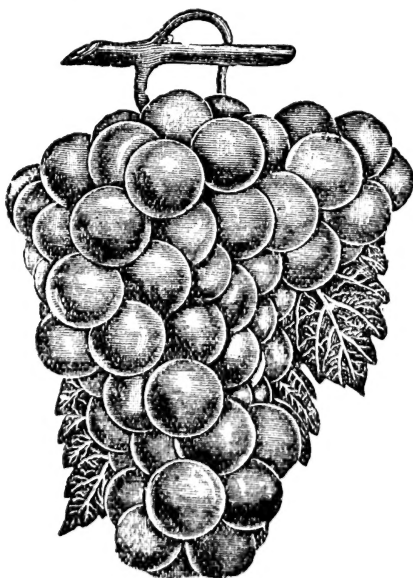
**Early Richmond Cherry,**

The hardiest and best; an annual bearer. Every home should have at least one dozen of these trees.



**Downing Gooseberry.**

The most prolific, largest and best fruiter in cultivation.



**Concord Grapes.**

Vines very hardy, vigorous and productive; the best known of all black Grapes.

SEE PRICES NEXT PAGE



**North Star Currants.**

Extremely hardy strong grower. Earliest and most prolific bearer.

# Price List Nursery Stock

	EACH	EACH	PER 25
<b>Apple and Crab Trees</b> ... 4 to 5 ft.	\$0 20	5 to 6 ft. \$0 25	\$3 00 to \$4 50
<b>Cherry</b> ..... 4 to 5 ft.	35	5 to 6 ft. 45	7 00 to 8 50
<b>Plum</b> ..... 4 to 5 ft.	30	5 to 6 ft. 40	5 00 to 8 00

	PER DOZ.	PER 100
<b>Gooseberries</b> , Downing, 2 yr. ....	\$0 75	\$5 00
“ Red Jacket, 2 yr., 15c each	1 00	....
<b>Currants</b> , Red, 2 yr. ....	75	5 00
“ Fays, 2 yr. ....	75	6 00
“ North Star, 2 yr. ....	75	7 00
“ Pomona, 2 yr., 15c each. ....	1 00	....
<b>Strawberries</b> , best plants.. per 100, \$0 75; per 1000, \$5 00		



**Niagara.**—The hardiest  
White Grape.

	EACH	100
<b>Grapes</b> , Concord, 1 yr..	\$0 10	\$3 50
“ “ 2 yr..	15	5 00
“ Niagara, 1 yr..	15	4 00
“ “ 2 yr..	20	5 00
	DOZ.	100
<b>Raspberries</b> , hardiest..	\$0 50	\$2 00
<b>Blackberries</b> .....	50	2 00



**Honeysuckle.**—The  
hardest climber.

## Flowering Shrubs and Roses for the Lawn.

	EACH
<b>Althea</b> , or Rose of Sharon, 2 to 3 ft. ....	\$0 30
<b>Spirea Van Houti</b> , (Bridal Wreath) 2 ft. ....	25
<b>Snowballs</b> , Japan or American, 2 ft. ....	20
<b>Lilacs</b> , white or purple, 2 ft. ....	20
“ Chinese, 4 ft. ....	40
<b>Vines</b> , Honeysuckle. ....	25
“ Clematis. ....	50
<b>Roses</b> , Climbing sorts. ....	20
“ H. P. Everblooming sorts. ....	25
“ Ramblers, crimson, white, pink and yellow. ....	30
“ Summer Sorts. ....	30



**Snowball.**—Hardy and  
Profuse bloomer.

**ROOT GRAFTS**—Raise your own Apple trees and have them acclimated by planting the Root Grafts. Order at once and plant a thousand. Cheapest, safest and best way to get an orchard. We cannot accept orders after the 25th of March. Apple and Crab grafts, per 100, \$1.00; per 1000, \$8.00.



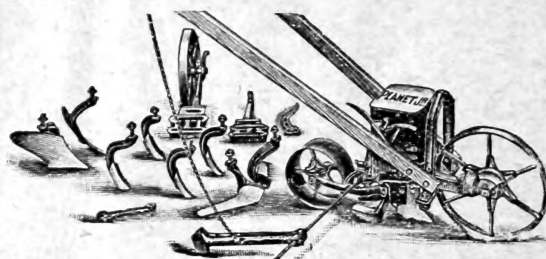
**Cream Rose.**

**Cream Rose**—A creamy white color; very hardy, stands our winters; best known variety for the cemetery. 35c each; two for 60c.

# HEADQUARTERS

For Full and Complete Line of Planet, Jr., Garden

TOOLS AND REPAIRS.



No. 25. — Combined Hill  
and Drill Seeder and  
Double Wheel Hoe, Cul-  
tivator and Plow.

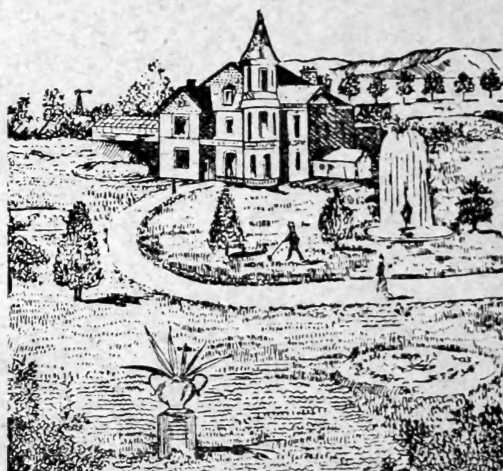
Price.....\$13.00

As a Drill Only, Single  
wheel.....\$8.00

## Evergreen Lawn Grass.

Price, 15c Per Pound.

Lawn Grass requires a deep,  
well prepared soil. The Fancy  
Lawn Mixture we offer is made  
up of the finest grasses and so  
blended as to give a continuous  
green, velvety turf the entire  
season. Should be sown at  
rate of 3 bushels per acre.



The "Indiana" Broadcast Seed Sower

Price, each.....\$1.00

**LANG'S  
HAND  
WEEDER**

HANDIEST  
TOOL



ON EARTH.

30¢  
By MAIL  
PREPAID

# MICHAEL'S SEED STORE

J. S. MICHAEL, Prop.

316 Pearl Street,

Telephone 218 L-4.

SIoux CITY, IOWA.